

#16/C
F.B.A.
12/14/01

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2815

Application No.: 09/486,561

Examiner: L. C. Cruz

Filed: February 29, 2000

Docket No.: 105030

For: SEMICONDUCTOR DEVICE AND METHOD THEREOF, CIRCUIT BOARD AND
ELECTRONIC INSTRUMENT

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claim 1 as follows:

- Sub
Di
1. (Amended)- A method of manufacturing a semiconductor device comprising:
- a first step of interposing a first adhesive portion of an adhesive between a surface of a substrate on which an interconnect pattern is formed and a surface of a semiconductor chip on which electrodes are formed, and interposing a second adhesive portion of the adhesive formed next to said first adhesive portion and on at least a part of a lateral surface of said semiconductor chip; and
- a second step in which pressure is applied between said semiconductor chip and said substrate, said interconnect pattern and said electrodes are electrically connected, and said adhesive is caused to surround at least a part of the lateral surface of said

DI
C64
semiconductor chip, at least a part of said second adhesive portion having a thickness greater than the first adhesive portion.

REMARKS

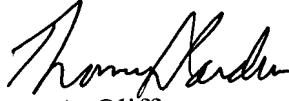
Claims 8-12 and 14-20 are pending, with non-elected claims 1-7 being withdrawn from consideration by the January 16, 2001 Response to Restriction Requirement. By this Amendment, claim 1 is amended. No new matter is added.

The applicant would like to thank Examiner Cruz for the courtesies extended to the applicant's representative during the December 3 telephone conference. During this telephone conference, the applicant's representative discussed amending non-elected independent claim 1 to have non-elected claims 1-7 reentered and considered. In accordance with MPEP §821.04, claim 1 is amended above adding additional features to the method claims 1-7 that correspond to the features recited in apparatus claims 8-12, 14 and 15. Accordingly, a rejoinder of claims 1-7 and consideration of all claims 1-12 and 14-20 is respectfully requested.

In view of the foregoing amendments and remarks, Applicant submits that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-12 and 14-20 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicant's/s' undersigned representative at the telephone number listed below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Thomas J. Pardini
Registration No. 30,411

JAO:CCH/mdw

Attachment:
Appendix

Date: December 6, 2001

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
--